



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

May 25, 2005

Ms. Jan Pels, SE-4J
U.S. EPA, Region V
77 West Jackson Boulevard
Chicago, IL 60604

Dear Ms. Pels:

INN000509964

Re: Metals Refining Company
Hammond, Lake County, Indiana
Pre-CERCLIS Screening *Report*

The Indiana Department of Environmental Management (IDEM) under a cooperative agreement with the U.S. EPA conducted a Pre-CERCLIS Screening at the former Metals Refining Company to determine if the site warrants further investigation under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA, a.k.a. Superfund).

The Metals Refining Company site is located at 1723 Summer Street, Hammond, Indiana. The site was on a list of former lead smelting facilities, that had not been investigated by U.S. EPA or local health departments that was released by William Eckel. IDEM staff located the site and collected surface soil samples from residential yards in three (3) neighbor-hoods in different directions from the site. Soil samples from a few yards showed lead concentrations at levels of concern. However, a background level was not determined and a pattern of declining concentrations, as would be expected with airborne lead dispersal, was not identified.

Sincerely,

Billy E. Giles

Billy E. Giles, Geologist
Site Investigation Section
Office of Land Quality

Get list of soil tests w/ addresses

BEG/sb

Attach mts

- A- Site Sampling Results Map
- B- Analytical Data
- C- Sanborn Maps
- D- Site photos/sampling locations

US EPA RECORDS CENTER REGION 5

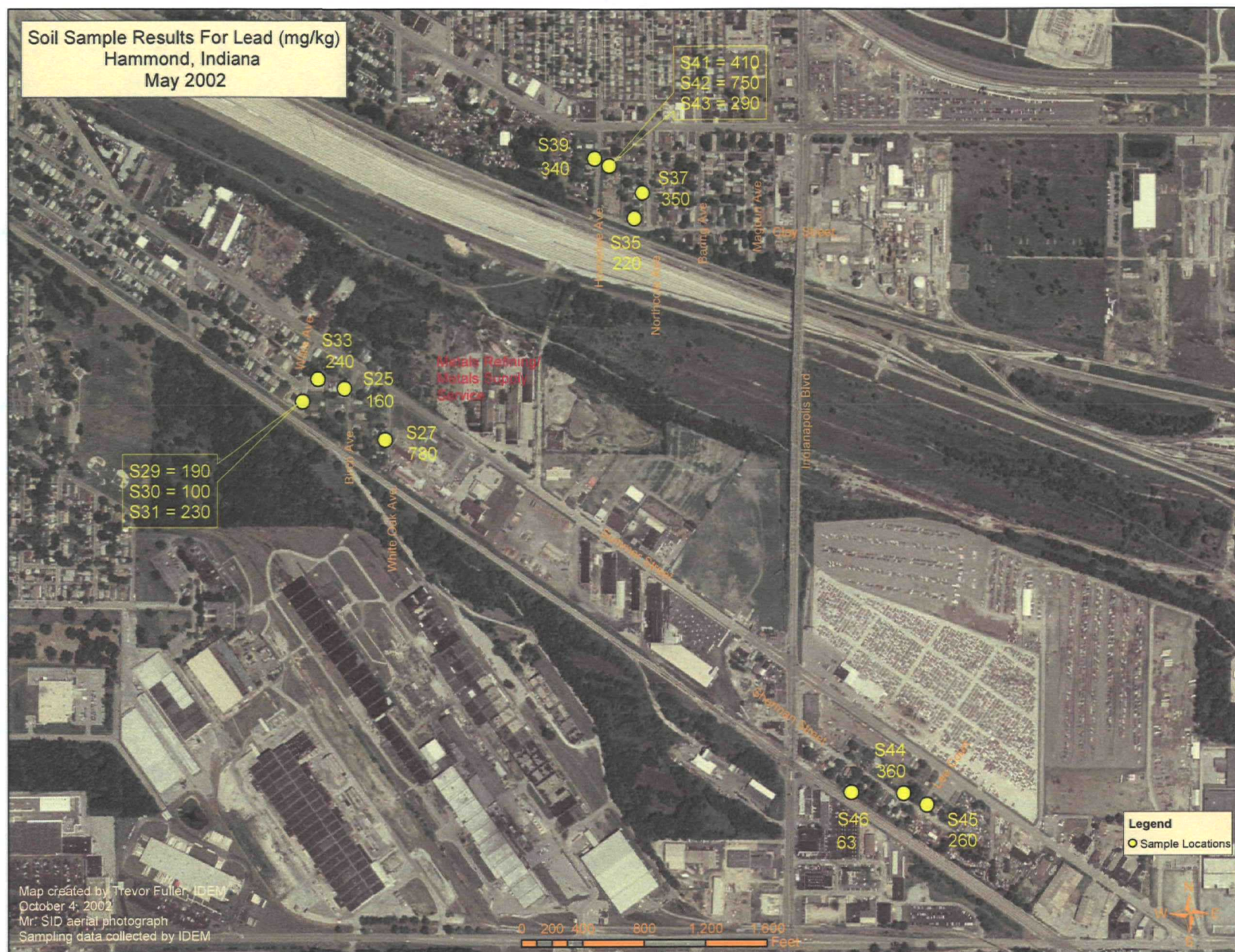


423443

7/27/05

MAP OF RESIDENTIAL
SOIL SAMPLING RESULTS

Soil Sample Results For Lead (mg/kg)
Hammond, Indiana
May 2002



RESIDENTIAL SOIL
SAMPLING RESULTS

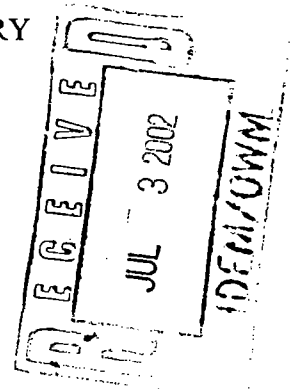


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 CENTRAL REGIONAL LABORATORY

536 SOUTH CLARK STREET

CHICAGO, ILLINOIS 60605



JUN 26 2002

Date:

Subject: Review of Region 5 Data for **IDEM Lead Site Screening**

From: **John V. Morris, Chemist**
Region 5 Central Regional Laboratory

A handwritten signature in cursive script, appearing to read "John V. Morris".

To:

Jan Pels
SE-HT

Attached are the results for: **IDEM Lead Site Screening**

CRL data set number: **20020073**

Samples analyzed for: **Lead**

Results are reported for sample designations: **2002IN01S01 through 2002IN01S81**

RECEIVED

JUL 05 2002

DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
OFFICE OF LAND QUALITY

Date: 25 June 2002

Analyst: John V. Morris

Sample Batch Number: 20020073

Facility Name: IDEM Lead Site Screening

Analyte: Lead

Narrative for the Analysis of Lead in Soils and Sediments in Batch 20020073

Between 6-15 May 2002, eighty-one (81) soil and/or sediment samples were collected by the Indiana Department of Environmental Management for the purpose of screening for lead contamination. These samples were numbered sequentially, as 2002IN01S01 through 2002IN01S81. No separate station identifiers were present on the custody forms, other than the S01-S81 designations. These samples were received at CRL on 17 May 2002.

J.V. Morris checked out the samples and directed SEE employee A. Shih-Hoellwarth in the process of subsampling the soils and sediments for drying. During the week of 20 May 2002 the samples were dried. Over the next week, J.V. Morris performed the grinding and homogenizing. Because of the large number of samples, the digestions were broken into three digestion sets of 27 samples each. CRL SOP Metals025, a hot block digestion based on EPA method 200.2, was used. The digestion log numbers were 1379, 1380 and 1381. These were prepared between 5-14 June 2002. A fourth digestion, log number 1384, was prepared when the matrix spike for sample 2002IN01S75 was out of control, as discussed below. This digestion was performed on 20 June 2002.

The analyses were performed on 17, 18, 19 and 21 June 2002. Each digestion batch was performed on a separate day. CRL SOP Metals004 was used for the analyses. Because some of the samples were expected to be high concentration for lead, only the high spike solution was used. Since lead was the only analyte of interest, the quality control reports include only lead results, plus the calibration verification for aluminum, that being the element with the only serious interelement correction for lead. All quality control checks for lead were within stated limits in the SOP, with the exception of the last of nine matrix spikes, that for sample 2002IN01S75 in digestion log 1381. The recovery of 205% was not easily explained, since the other elements in the spike solution appeared to be as expected, so the sample was not double spiked. That sample and the ones following were redigested in digestion log 1384. In an attempt to determine what occurred with the spike failure, sample 2002IN01S75 was digested in triplicate, while the next sample, 2002IN01S76, was used for a regular matrix duplicate and spike. No problems were observed in the redigestion, and all audits were in control, including both duplicates of S75. A piece of glass or plastic was observed when the problem sample was redigested. Results for 2002IN01S75 through 2002IN01S81 were taken from the redigestion.

Samples 2002IN01S12, 2002IN01S13, 2002IN01S14, 2002IN01S26, 2002IN01S53, 2002IN01S77 and 2002IN01S78 were diluted to obtain results within the calibration range.

All analytical results files, sample information files and reformat files for ICP analysis can be found on the R5CRL data server using the following path:

h:\r5crl\vol1\EPA-metals\jvmorris\20020073\3300dv\

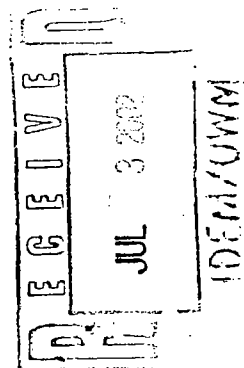
The narrative, QC summary spreadsheets, sample result calculation spreadsheets and the final sample report for ICP analysis can be found on the R5CRL data server using the following path:

h:\r5crl\vol1\EPA-metals\jvmorris\20020073\reports\

US EPA CRL - Region V
ICP Final Report Results

Sample Batch Number: 20020073
Study Name: IDEM Lead Site Screening

Sample ID	Element	Concentration	Units	Date Analyzed
2002IN01S01	Lead	29	mg/kg	17 June 02
2002IN01S02	Lead	32	mg/kg	17 June 02
2002IN01S03	Lead	390	mg/kg	17 June 02
2002IN01S04	Lead	95	mg/kg	17 June 02
2002IN01S05	Lead	39	mg/kg	17 June 02
2002IN01S06	Lead	44	mg/kg	17 June 02
2002IN01S07	Lead	140	mg/kg	17 June 02
2002IN01S08	Lead	710	mg/kg	17 June 02
2002IN01S09	Lead	74	mg/kg	17 June 02
2002IN01S10	Lead	43	mg/kg	17 June 02
2002IN01S11	Lead	25	mg/kg	17 June 02
2002IN01S12	Lead	5000	mg/kg	17 June 02
2002IN01S13	Lead	3200	mg/kg	17 June 02
2002IN01S14	Lead	5100	mg/kg	17 June 02
2002IN01S15	Lead	180	mg/kg	17 June 02
2002IN01S16	Lead	130	mg/kg	17 June 02
2002IN01S17	Lead	180	mg/kg	17 June 02
2002IN01S18	Lead	260	mg/kg	17 June 02
2002IN01S19	Lead	180	mg/kg	17 June 02
2002IN01S20	Lead	53	mg/kg	17 June 02
2002IN01S21	Lead	17	mg/kg	17 June 02
2002IN01S22	Lead	94	mg/kg	17 June 02
2002IN01S23	Lead	160	mg/kg	17 June 02
2002IN01S24	Lead	280	mg/kg	17 June 02
2002IN01S25	Lead	160	mg/kg	17 June 02
2002IN01S26	Lead	1800	mg/kg	17 June 02
2002IN01S27	Lead	780	mg/kg	17 June 02
2002IN01S28	Lead	220	mg/kg	18 June 02
2002IN01S29	Lead	190	mg/kg	18 June 02
2002IN01S30	Lead	100	mg/kg	18 June 02
2002IN01S31	Lead	230	mg/kg	18 June 02
2002IN01S32	Lead	68	mg/kg	18 June 02
2002IN01S33	Lead	240	mg/kg	18 June 02
2002IN01S34	Lead	480	mg/kg	18 June 02
2002IN01S35	Lead	220	mg/kg	18 June 02
2002IN01S36	Lead	990	mg/kg	18 June 02
2002IN01S37	Lead	350	mg/kg	18 June 02
2002IN01S38	Lead	420	mg/kg	18 June 02
2002IN01S39	Lead	340	mg/kg	18 June 02
2002IN01S40	Lead	280	mg/kg	18 June 02
2002IN01S41	Lead	410	mg/kg	18 June 02



Metals Refining/
Metals Supp. Serv.

Jun
25 June 02

US EPA CRL - Region V
ICP Final Report Results

Sample Batch Number: 20020073
Study Name: IDEM Lead Site Screening

Sample ID	Element	Concentration	Units	Date Analyzed
2002IN01S42	Lead	750	mg/kg	18 June 02
2002IN01S43	Lead	290	mg/kg	18 June 02
2002IN01S44	Lead	360	mg/kg	18 June 02
2002IN01S45	Lead	260	mg/kg	18 June 02
2002IN01S46	Lead	63	mg/kg	18 June 02
2002IN01S47	Lead	53	mg/kg	18 June 02
2002IN01S48	Lead	85	mg/kg	18 June 02
2002IN01S49	Lead	95	mg/kg	18 June 02
2002IN01S50	Lead	56	mg/kg	18 June 02
2002IN01S51	Lead	38	mg/kg	18 June 02
2002IN01S52	Lead	140	mg/kg	18 June 02
2002IN01S53	Lead	2800	mg/kg	18 June 02
2002IN01S54	Lead	100	mg/kg	18 June 02
2002IN01S55	Lead	40	mg/kg	19 June 02
2002IN01S56	Lead	19	mg/kg	19 June 02
2002IN01S57	Lead	40	mg/kg	19 June 02
2002IN01S58	Lead	73	mg/kg	19 June 02
2002IN01S59	Lead	64	mg/kg	19 June 02
2002IN01S60	Lead	31	mg/kg	19 June 02
2002IN01S61	Lead	110	mg/kg	19 June 02
2002IN01S62	Lead	30	mg/kg	19 June 02
2002IN01S63	Lead	180	mg/kg	19 June 02
2002IN01S64	Lead	17	mg/kg	19 June 02
2002IN01S65	Lead	250	mg/kg	19 June 02
2002IN01S66	Lead	82	mg/kg	19 June 02
2002IN01S67	Lead	210	mg/kg	19 June 02
2002IN01S68	Lead	220	mg/kg	19 June 02
2002IN01S69	Lead	400	mg/kg	19 June 02
2002IN01S70	Lead	470	mg/kg	19 June 02
2002IN01S71	Lead	450	mg/kg	19 June 02
2002IN01S72	Lead	440	mg/kg	19 June 02
2002IN01S73	Lead	150	mg/kg	19 June 02
2002IN01S74	Lead	92	mg/kg	19 June 02
2002IN01S75	Lead	220	mg/kg	21 June 02
2002IN01S76	Lead	320	mg/kg	21 June 02
2002IN01S77	Lead	1600	mg/kg	21 June 02
2002IN01S78	Lead	6700	mg/kg	21 June 02
2002IN01S79	Lead	300	mg/kg	21 June 02
2002IN01S80	Lead	140	mg/kg	21 June 02
2002IN01S81	Lead	140	mg/kg	21 June 02

metals Refining/
metals supp serv.



JVM
25 June 02

CRL Data Review Qualification Codes

QUALIFIER	DESCRIPTION
B	This flag is used when the analyte is found in the associated <u>B</u> lank as well as the sample. It indicates possible blank contamination and warns the user to take appropriate action while assessing the data. See the case narrative for a discussion of common lab contaminants and/or the relative concentration of contamination in the samples and blanks for relevance.
J	This flag is used when the analyte is <u>estimated</u> due to quality control limit(s) being exceeded. This flag accompanies all GC/MS tentatively identified compounds (TICs). This flag also applies to a suspected, unidentified interference. This flag is placed on affected detected results as well as non-detected (i.e., "U" flagged) results. (<u>J</u> is the flag used in the Superfund CLP SOW and Data Review Functional Guidelines and is used by CRL for consistency.)
M	This flag is used when the analyte is confirmed to be qualitatively present in the sample, extract or digestate, with a quantity at or above the CRL <u>M</u> ethod Detection Limit (MDL) but below the lowest concentration of the calibration curve. This flag indicates the quantitated value is <u>estimated</u> since it falls below the lowest calibration standard in the calibration curve.
N	This flag applies to GC/MS Te <u>N</u> tatively Identified Compounds (TICs) that have a mass spectral library match.
Q	This flag applies to analyte data that are severely estimated due to quality control and/or <u>Q</u> uantitation problems, but are confirmed to be qualitatively present in the sample. <u>No value is reported with this qualification flag.</u>
R	This flag applies to analyte data that are <u>R</u> ejected and unusable due to severe quality control, quantitation and/or qualitative identification problems. No other qualification flags are reported for this analyte. <u>No value is reported with this qualification flag.</u>
U	This flag is used when the analyte was analyzed for but <u>U</u> ndetected in the sample. The CRL RL for the analyte accompanies this flag. When the customer requests CRL to report below our RL down to our MDL, undetected analytes are reported with a "U" code and the MDL. As with sample results that are positive, the value is corrected for dry weight, dilution and/or sample weight or volume.

03/07/01

2002 3 2002

20020073

ENVIRONMENTAL PROTECTION AGENCY
FOR THE TOXIC METALS

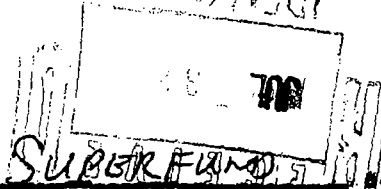
501080

(6)

7/11/02 SHOOT 30F4

STATION/BRANCH SUPERFUND 99 SAMPLING DATE 5/6-15/02 LAB ARRIVAL DATE 5/17/02 DUE DATE 6/17/02
NUMBER 501080 DATASET NUMBER 20020073 STUDY LEAD SINK SURVEILLANCE PRIORITY N CONTRACTOR IDEM

LOG SER	SAMPLE DESCRIPTION	SEDIMENTS SOLID S PH	MAINX..... TEST..... UP 178..... MET4193	MAINX..... TEST..... UP 178..... MET235026	MAINX..... TEST..... UP 178..... MET235026	MAINX..... TEST..... UP 178..... MET235026
IN01						
S43	5-039048					
S44	5-039049					
S45	5-039050					
S46	5-039051					
S47	5-039052					
S48	5-039053					
S49	5-039054					
S50	5-039055					
S51	5-039056					
S52	5-039057					
S53	5-039058					
S54	5-039059					
S55	5-039060					
S56	5-039061					
S57	5-039062					
S58	5-039063					
S59	5-039064					
S60	5-039065					
S61	5-039066					
S62	5-039067					
S63	5-039068					



20020073

ENVIRONMENTAL PROTECTION AGENCY
FOR THE TOXIC METALS

501080

6
7/1/02 SHEET 2 OF 4

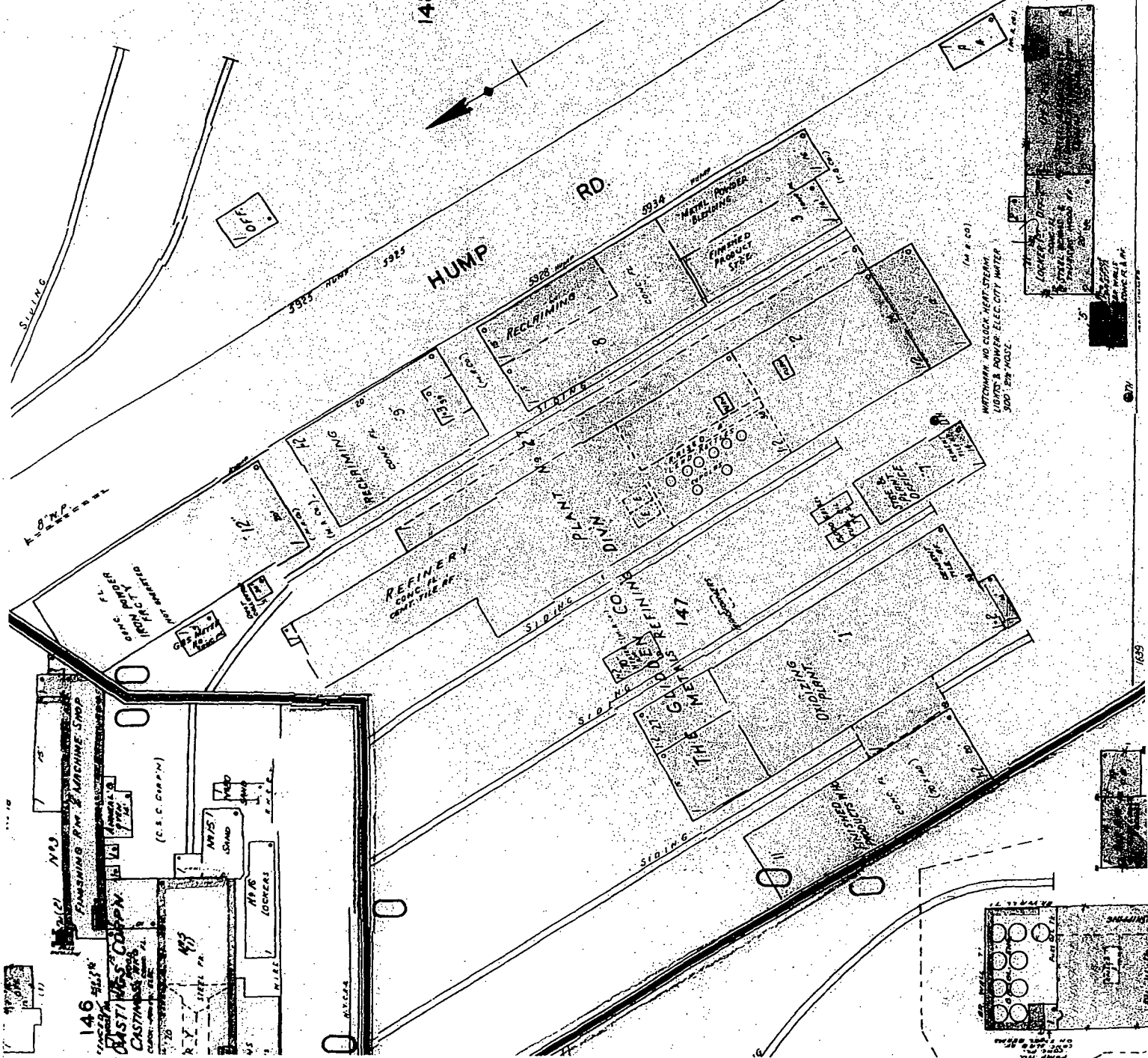
LOCATION/BRANCH SUBST FUND 5 SAMPLING DATE 5/6-15/02 LAB ARRIVAL DATE 5/17/02 DUE DATE 6/17/02
NUMBER 501080 DATASET NUMBER 26620473 STUDY LEAD SITE SCREENING PRIORITY N CONTRACTOR IOGM

LOG #	SAMPLE DESCRIPTION	REMENTS SOLED S PR	MAINER..... TEST..... UP ITS..... MET4193	MAINER..... TEST..... UP ITS..... MET35026	MAINER..... TEST..... UP ITS..... MET35026	MAINER..... TEST..... UP ITS..... MET35026
21001						
S22	5-039027					
S23	5-039028					
S24	5-039029					
S25	5-039030					
S26	5-039031					
S27	5-039032					
S28	5-039033					
S29	5-039034					
S30	5-039035					
S31	5-039036					
S32	5-039037					
S33	5-039038					
S34	5-039039					
S35	5-039040					
S36	5-039041					
S37	5-039042					
S38	5-039043					
S39	5-039044					
S40	5-039045					
S41	5-039046					
S42	5-039047					

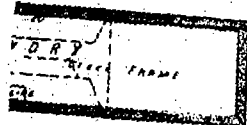
SANBORNE INSURANCE MAPS

1939
p. 30\$

Sanborne maps 1939



RIC CASTELL CO.
CASTINGS



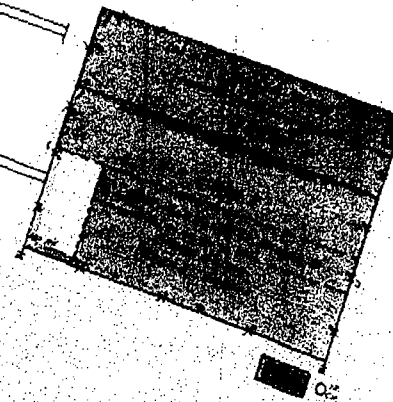
WATCHMAN
A POWER ELEC.

WATCHMAN & MACHINE SHOP
STEEL FRAME

1930

P. 305

VACANT
BUILT 1904
R.M. FIRE



HUMP

148

Sanborn maps
1930

RD.

OXIDE STORAGE
METAL

147

OXIDIZING
PLANT

REFINING CO.
RECLAIMING
CONDENSERS
COAL OIL
CONDENSERS

WATCHMAN
A POWER ELEC.

STORAGE
& PLANT
OFFICE

CHEMICAL
DIE #1

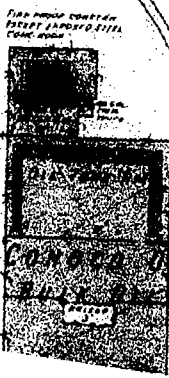
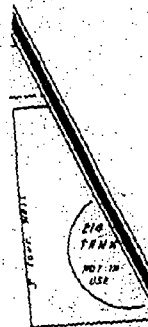
CHEMICAL
DIE #2

WATCHMAN - RU. CLOCK - MNT. STEAM
LIGHTS & POWER: ELEC. CITY WATER:
300' 24" HOSE

WATER PROOF
CONCRETE
ON WELLS
(NOT FILLED)

SUMMER

BLVD.

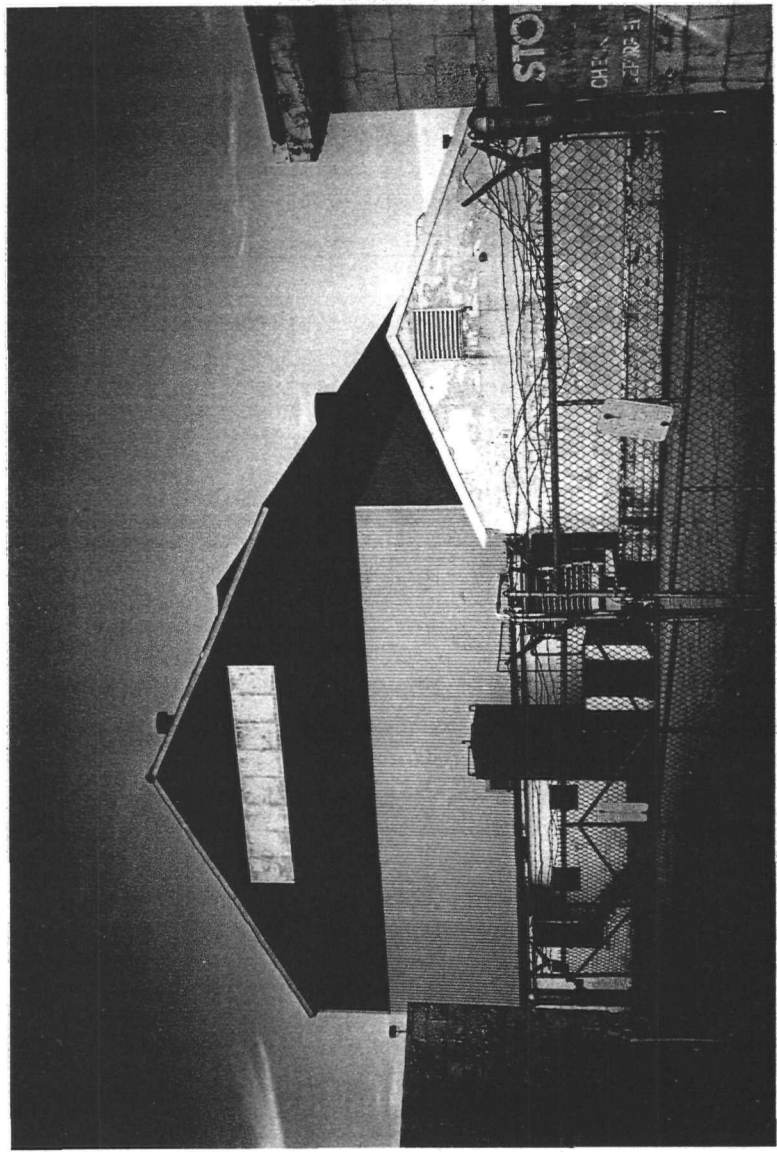
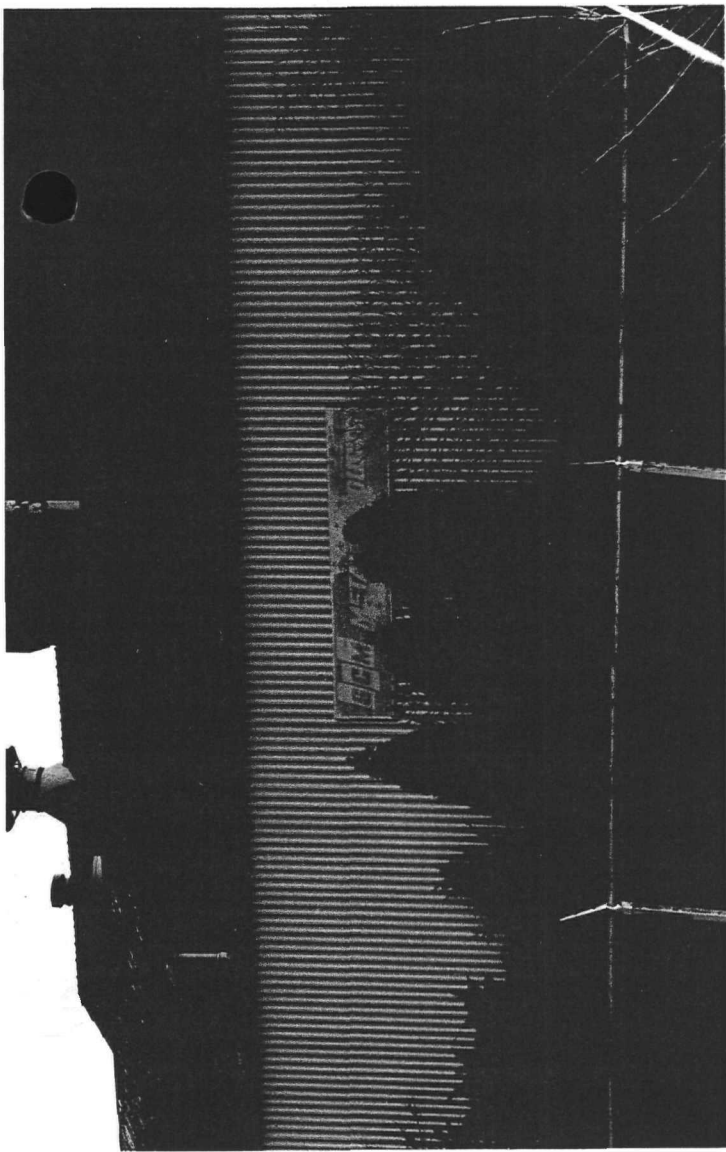


CONDENSER
YARD

CONDENSER
YARD

CONDENSER
YARD

SITE AND SAMPLING PHOTOS



Metals Refining / Metals Supply Serv

Facility
Bill Giles 12-3-01 12:00
Photographer Date Time

Others Present: Andrea Robertson

Location: Look N on Summer
1723 Summer / 6020 Hump, Hammond

Subject (movement):

SF 39674 Dept. of Environmental Mgmt.

Metals Refining / Metals Supply Serv

Facility
Bill Giles 12-3-01 12:00
Photographer Date Time

Others Present: Andrea Robertson

Location: Looking West on Hump
1723 Summer / 6020 Hump, Hammond

Subject (movement):

SF 39674 Dept. of Environmental Mgmt.

Metals Refining / Metals Supply

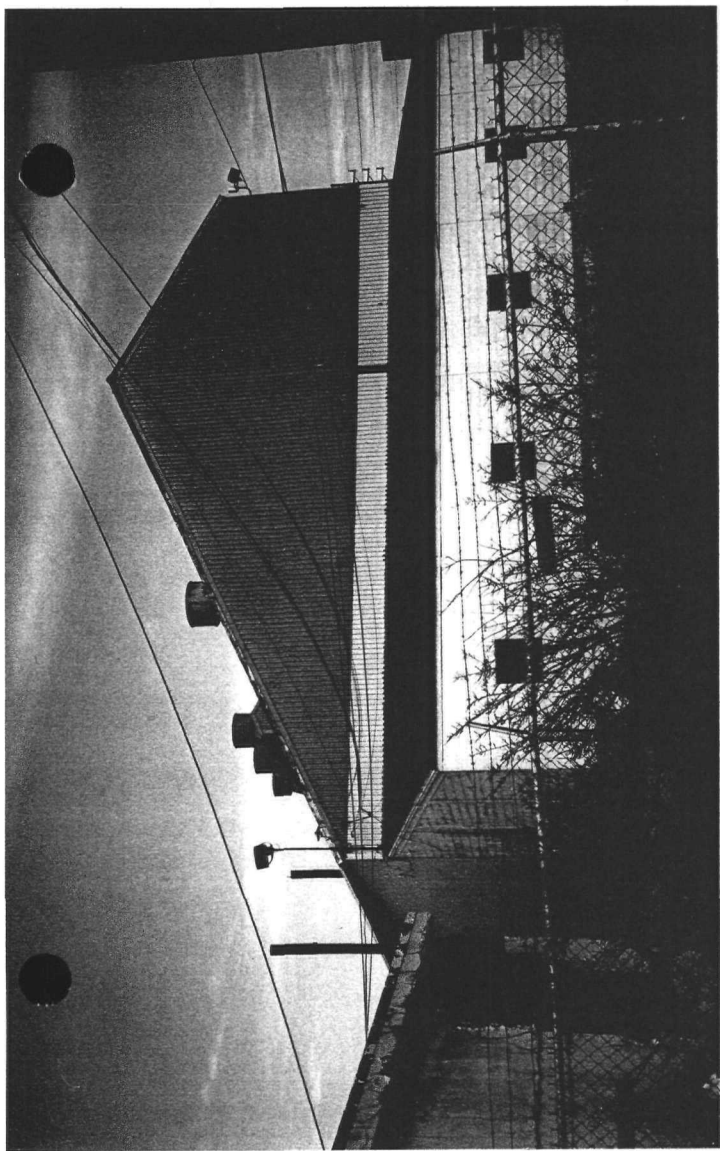
Facility
Bill Giles 12-3-01 12:00
Photographer Date Time

Others Present: Andrea Robertson

Location: Looking N on Summer
1723 Summer / 6020 Hump, Hammond

Subject (movement):

SF 39674 Dept. of Environmental Mgmt.



Metals Refining / Metals Supply Serv

Facility

Bill Giles

Photographer

Date

Time

12-3-01

12:00

Others Present:

Andrea Robertson

Location:

Looking West From Hump Rd

1723 Summer / 6020 Hump Rd

Hammond

Subject (movement):

SF 39674

Dept. of Environmental Mgmt.

Metals Refining / Metals Supply Serv

Facility

Bill Giles

Photographer

Date

Time

12-3-01

12:00

Others Present:

Andrea Robertson

Location:

Looking NE from Summer

1723 Summer / 6020 Hump

Hammond

Subject (movement):

SF 39674

Dept. of Environmental Mgmt.

METALS
SITE: SUPPLY SERVICE
COUNTY: LAKE
SAMPLE: S28
DATE: 5/9/02
TIME: 1:45 am (pm)



Metals Supply Serv. / Metals Refining

Site

A. T. G. Yea

Photographer

5/9/02

Date

1345

Time

Others Present: Mark Jaworski

Don Christerson

Location: S28

Subject (movement): Soil sample

Dept. of Environmental Mgmt



Metals Supply Serv. / Metals Refining
Site

Bill Gies
Photographer

5/9/02
Date

1345
Time

Others Present: Mark Jaworski
Don Chesterson

Location: S2P

Subject (movement): soil sample

Dept. of Environmental Mgmt.



Metals Supply Service / Metals Refining

Site

Roll Gies

Photographer

5/9/02

Date

1400

Time

Others Present: Mark Jaworski

Don Christerson

Location: S30

Subject (movement): soil sample

Dept. of Environmental Mgmt.



Metals Supply Serv. / Metals Refining

Site

B.71/G.7e

Photographer

5/9/02

Date

1400

Time

Others Present: Mark Jaworski

Dan Chesterson

Location: S30

Subject (movement): soil sample

Dept. of Environmental Mgmt.



METALS

SITE: SUPPLY SERVICES

COUNTY: LAKE

SAMPLE: S32

DATE: 5/9/02

TIME: 2:10 am

Metals Supply Serv. / Metals Refining
Site

Bill Giles
Photographer

5/9/02
Date

1410
Time

Others Present: Mark Jaworski

Don Chaderson

Location: S32

Subject (movement): soil sample

Dept. of Environmental Mgmt.



Metals Supply Serv./Metals Refining
Site

R. J. Giler

Photographer

5/9/02

Date

1410

Time

Others Present: Mark Jaworski

Dan Chesterson

Location: S32

Subject (movement): soil sample

Dept. of Environmental Mgmt.



METALS
SITE: SUPPLY SERVICE
COUNTY: LAKE
SAMPLE: S34
DATE: 9/1/02
TIME: 2:55pm



Metals Supply Serv. / Metals Refining
Site

B. TIG. / es 5/9/02 1455
Photographer Date Time

Others Present: Mark Jaworski

Dan Clouston

Location: S34

Subject (movement): soil sample

Dept. of Environmental Mgmt.



Metal Supply Serv. / Metal Refining
Site

R. J. Giles 5/9/02 1455
Photographer Date Time

Others Present: Mark Jaworski

Don Chesteron

Location: S34

Subject (movement): soil sample

Dept. of Environmental Mgmt.



METALS
SITE: SUPPLY SERVICE
COUNTY: LAKE
SAMPLE: S36
DATE: 5/9/02
TIME: 8:10 am (m)

Metals Supply Serv. / Metals Refining

Site

Bill Giles

Photographer

5/9/02

Date

1510

Time

Others Present: Mark Naworski

Don Christenson

Location: 536

Subject (movement): soil sample

Dept. of Environmental Mgmt.



Metals Supply Serv. / Metals Refining

Facility

Bill Giles

Photographer

5/9/02

Date

1510

Time

Others Present: Mark Jaworski

Don Chesterson

Location: S36

Subject (movement): soil sample

METALS
SITE: SUPPLY SERVICE
COUNTY: LAKE
SAMPLE: S38
DATE: 5/9/02
TIME: 3:25 am

Date 4/22 Time 1525
Name Mark Jaworski
Location: S38

Object (movement): SO, 7 sample



ME TA
SHE SUPPLY
CITY LA
SAMPLE

Is Refining

1525
Time

K. Jaworski

7

Environmental Mgmt.

METALS
SITE: REFINING
COUNTY: LAKE
SAMPLE: S2^a
DATE: 5/9/92
TIME: 1:00 PM



Metals Supply Serv. / Metals Refining
Facility

Doug Fisher

Photographer

5/9/02

Date

1350

Time

Others Present: Tracy Concannon

Susan Types

Location: S29

Subject (movement): Soil Sampling



Apply Serv./Metals Refining

5/9/02
Date

7:50 1535
Time

Tacy Concanon

ver

2540

0: soil sampling

METALS
SITE: REFINING CA

COUNTY: LAKE

SAMPLE: 533

DATE: 5/9/02

TIME: 2:05 am/pm

v. / Metal Red

5/9/02
Date

145
Time

Red

Samples

Dept. of Environm



Metals Supply Serv./Metals Refining

Facility

Doug Fisher

Photographer

5/9/02

Date

1405

Time

Others Present: Susan Tyner

Tracy ConCannon

Location: S 33

Subject (movement): Soil sample

METALS
SITE: REFINING CO.

COUNTY: LAKE

SAMPLE: 535

DATE: 5/9/02

TIME: 3:00 am (pm)



env. / Metals Refining

5/9/02
Date

1500
Time

Types

ION

017 sample

Dept. of Environmental Mgmt.



Metals Supply Serv. / Metals Refining
Facility

Doug Fisher

Photographer

5/9/02

Date

1:00

Time

Others Present: Susan Tyner

Tracy Concanon

Location: S35

Subject (movement): SO-1 Sample

METALS
SITE: REFINING A

COUNTY: LAKE

SAMPLE: S37

DATE: 5/9/02

TIME: 3:10 am/pm

Metals Supply Serv./Metals Refining
Facility

Doug Fisher
Photographer

5/9/02
Date

1510
Time

Others Present: Tracy Antcannon

Susan Tynes

Location: 237

Subject (movement): soil sample



METALS
SITE: REFINING &
COUNTY: LAKE
SAMPLE: S37
DATE: 5/9/02
TIME: 3:10 am

Metals Supply Serv. / Metals Refining
Facility

Doug Fisher
Photographer

5/9/02
Date

1510
Time

Others Present: Tracy Conannon

Susan Tynes

Location: S37

Subject (movement): Soil Sample



METALS
SITE: REFINZING Co
COUNTY: LAKE
SAMPLE: S39
DATE: 5/9/02
TIME: 3:30 any (M)

Metals Supply Serv. / Metals Refining

Facility

Doug Fisher

Photographer

5/9/02

Date

1530

Time

Others Present: Tracy Concanon

Susan Tyner

Location: S 39

Subject (movement): soil sample



MUTUALITY
ST. BERNARD'S
CHURCH
LAKE
SAMPLE 337
DATE 6/1/55
TIME 3:30 PM

Metals Supply Serv / Metals Refining

Facility

Doug Fisher

Photographer

5/9/02

Date

1530

Time

Others Present: Tracy Conkannon

Susan Tyndal

Location: S 39

Subject (movement): soil sample



METALS
SITE: REFINING CO.
COUNTY: LAKE
SAMPLE: 541/543
DATE: 5/9/02
TIME: 3:35 PM

Metals Supply Serv./Metals Refining

Facility

Doug Fisher

Photographer

5/9/02

Date

1535

Time

Others Present: Tracy Conannon

Simon Tyner

Location: S41 / S43

Subject (movement): SD17 sample



BE TILLY
SITE REF 119624
COUNTY LAKE
SAMPLE 547/548
DATE 5/16/02
DRI 335 sample

Metals Supply Serv. / Metals Refining
Facility

Doug Fisher
Photographer

5/9/02
Date

1535
Time

Others Present: Tracy Concanon

Susan Tynes

Location: S41 / S43

Subject (movement): Soil sample

MT T.H.S.
SITE SUPPLY SERVICE
COUNTY LAKE
SAMPLE 542
DATE 5/9/02
TIME 3:50 (am/pm)



17 sample

1 Tyre

Date 5/9/22
Time 1550

W. Metals Refining



Metals ^{Supply} ~~Service~~ Serv./Metals Refining
Facility

Doug Fisher
Photographer

5/9/02
Date

1:50
Time

Others Present: Susan Tynes

Tracy Conannon

Location: S42

Subject (movement): S017 sample



METALS
SITE: REFINING CO.
COUNTY: LAKE
SAMPLE: S44
DATE: 5/9/02
TIME: 4:25 am

Metals Supply Serv./Metals Refining
Facility

Doug Fisher

Photographer

5/9/02

Date

16025

Time

Others Present: Tracy Concanon

Susan Tylen

Location: S44

Subject (movement): soil sample



Metals Supply Serv. / Metals Refining
Facility

Doug Fisher
Photographer

5/9/02
Date

1625
Time

Others Present: Tracy Concanon

Susan Tyner

Location: S44

Subject (movement): SDI sample



METALS
SITE: REFINING CO
COUNTY: LAKE
SAMPLE: S45
DATE: 5/9/02
TIME: 4:40 am (pm)

Supply Serv. / Metals Refining

Per

5/9/02
Date

1640
Time

nt: Tracy Concession

Type: S 45

ement): soil sample



METALS
SITE: REFINING
COUNTY: LAKE

Metals

Facility

Doug Elias

Photographer

Others Present

Tracy Co

Location: S

Subject (mov

SF 39674

METALS
SITE: REFINING CO.
COUNTY LAKE
SAMPLE: S46
DATE: 5/9/02
TIME: 5:00

400 1000

Metals Supply Serv./Metals Refining
Facility

Doug Fisher
Photographer

5/9/02 1700
Date Time

Others Present: ITAG CONCAARD

Susan Tynes

Location: S46

Subject (movement): soil sample



NO. 100
PLANTING
DATE
NO. 100
DATE

Metals Supply Servs/Metals Refining
Facility

Doug Fisher

Photographer

5/9/02

Date

1700

Time

Others Present: Tracy Concanon

Susan Tyner

Location: S 46

Subject (movement): soil sample